Claims:

1. (currently amended)   A storage area management method comprising:

providing at an area management apparatus a capacity reference table in which identifications of applications and capacities necessary for storing the applications are storable in relation to identifications of application providers;

~~a request step of transmitting~~receiving at the area management apparatus ~~an authorization request~~ from a communication terminal a request identifying an application to be downloaded by the communication terminal ~~having a storage unit to an area management apparatus, the authorization request requesting an authorization to set an area available for an application in said storage unit~~;

~~an instruction step of, when said area management apparatus receives said authorization request,~~ using the capacity reference table, determining ~~in said~~at the area management apparatus a capacity necessary for storing the application identified in the request;~~a storage area to be allocated for said application based on said received authorization request,~~ and

transmitting at the area management apparatus to [[said]] the communication terminal an execution instruction to ~~execute setting of~~reserve a space having the determined capacity in a storage area of the communication terminal~~; and~~

~~a setting step of, when said communication terminal receives said execution instruction, setting said determined storage area in said storage unit~~.

2-7. (cancelled)

8. (currently amended)   A storage area management method according to ~~Claim 2~~Claim 1, wherein [[said]] the communication terminal is a mobile terminal, and ~~carries out~~wirelessly ~~communication~~communicates with [[said]] the area management apparatus~~over a wireless communication network~~.

9. (currently amended)   A communication terminal comprising:

a storage unit into which applications are downloadable;

an application requester configured to request a download of an application from a content server;

a control program receiver configured to receive a control program from the content server which is sent from the content server in response to the download request;

a capacity information requester executed by the control program to ~~request transmitting means for~~ transmitting ~~an authorization request~~ to an area management apparatus a request identifying an application to be downloaded~~, the authorization request requesting an authorization to set a storage area in said storage unit~~;

a capacity information receiver executed by the control program to receive from the area management apparatus information indicative of a capacity necessary for storing the application identified in the request;

a space reserver executed by the control program to ~~setting means for receiving an execution instruction transmitted from said area management apparatus, and setting~~ reserve a space having the notified capacity ~~a storage area~~ in [[said]] the storage unit ~~in accordance with the received execution instruction, the execution instruction instructing to set an area~~; and

an application downloader executed by the control application to ~~storing~~ store ~~means for downloading an~~ the application downloaded from [[a]] the content server ~~unit and storing the application~~ into ~~said set area~~ the reserved space in the storage unit.

10. (cancelled)

11. (currently amended)   An area management apparatus comprising:

a capacity reference table in which identifications of applications and capacities necessary for storing the applications are storable in relation to identifications of application providers;

a receiver configured to ~~receiving means for~~ receiving an authorization request~~ from a communication terminal a request identifying an application to be downloaded by the communication terminal~~having a storage unit, the authorization request requesting an authorization to set an area available for an application in said storage unit~~

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a capacity identifier configured to determine, using the capacity reference table, a capacity necessary for storing the application identified in the request; and

a transmitter configured to ~~transmitting means for determining a storage area to be allocated for said application based on the received authorization request, and~~ transmitting to said communication terminal an execution instruction to ~~execute setting of~~ reserve a space having the determined capacity in a storage area of the communication terminal.

12. (cancelled)

13. (currently amended)   A computer-readable recording medium containing a program ~~for operating~~ executed in a computer [[as]], the program comprising the logics of:

searching a capacity reference table in which identifications of applications and capacities necessary for storing the applications are storable in relation to identifications of application providers;

receiving ~~means for receiving an authorization request~~ from a communication terminal a request identifying an application to be downloaded by the communication terminal ~~having a storage unit, said authorization request requesting an authorization to set an area available for an application in said storage unit~~;

using the capacity reference table, determining a capacity necessary for storing the application identified in the request; and

~~transmitting means for determining a storage area to be allocated for said application based on said received authorization request, and~~ transmitting to [[said]] the communication terminal an instruction to reserve a space having [[said]] the determined capacity in a storage area of the communication terminal.

14. (new)   A storage area management method according to Claim 1, wherein the capacity necessary for string the application is indicative of a size of the application and a size of data to be used by the application.

15. (new)　　A storage area management method according to claim 1, wherein the area management apparatus is operated by a telephone network, and the area management apparatus receives the request through a communication not transparent from outside the telephone network.

16. (new)　　A communication terminal according to Claim 9, wherein the capacity necessary for string the application is indicative of a size of the application and a size of data to be used by the application.

17. (new)　　A communication terminal according to claim 9, wherein the area management apparatus is operated by a telephone network, and the communication terminal effects a communication with the area management apparatus not transparent from outside the telephone network.

18. (new)　　A communication terminal according to claim 9, wherein the application is a shopping application.

19. (new)　　A communication terminal according to claim 9, wherein the control program requests to the content server data used in execution of the downloaded application, and the communication terminal further comprises an access helper executed by the control program to store the received data into the reserved space in the storage unit.

20. (new)　　An application downloading method comprising:
　　　　providing a storage unit into which applications are downloadable;
　　　　requesting a download of an application from a content server;
　　　　receiving a control program from the content server which is sent from the content server in response to the download request;
　　　　executing a download helper by the control program to transmit to an area management apparatus a request identifying an application to be downloaded;

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executing the download helper by the control program to receive from the area management apparatus information indicative of a capacity necessary for storing the application identified in the request;

executing the download helper by the control program to reserve a space having the notified capacity in the storage unit; and

executing the download helper by the control application to store the application downloaded from the content server into the reserved space in the storage unit.